

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 111709	APPLICATION NO. New U.S. Patent Application
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		APPLICANTS Takeyoshi ISOGAI; Kimihiko YASUDA; Noriaki IWAKI; Hiroshi KATSUMI	
		FILING DATE January 10, 2002	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
on		09/721,953 (Dckt No. 107929)	11-27-2000	Kawada	324	158.1
on		09/947,363 (Dckt No. 110556)	09-07-2001	Kawada		

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
on		JP 2-57719 B2	12-05-1990	Japan		
on		JP 4-372199 A	12-25-1992	Japan		
on		JP 11-40996 A (w/cncs exp)	02-12-1999	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						

EXAMINER	<i>Dojhanguz</i>	DATE CONSIDERED	2/4/4
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.